

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be consulted
for specific requirements.

U.S Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Bonide Rotenone 1%

ID No. 417

Date: October 5, 1998

Section I

Bonide Products, Inc.
2 Wurz Ave
Yorkville, NY 13495

(800) 424-9300
(315) 736-8231

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Cube Powder (Rotenone 83-79-4)	air TWA 5 mg/M3	TWA 5 mg/M3	STEL 10 mg/M3	
Hydrous magnesium silicate CAS # 14807-96-6	None established			

OSHA Nuisance dust limit of 15 mg/M3 and ACGIH Nuisance dust limit of 10 mg/M3 may apply to this mixture.

Section III - Physical/Chemical Ingredients

BOILING POINT: NIA	SPECIFIC GRAVITY (H2O=1): NIA
VAPOR PRESSURE (mmHg): NIA	MELTING POINT: NIA
VAPOR DENSITY (AIR=1): NIA	EVAPORATION RATE: NA
SOLUBILITY IN WATER: Insoluble	
APPEARANCE AND ODOR: Off-white, free-flowing powder.	

Section IV - Fire and Explosion Data

FLASHPOINT: NIA
FLAMMABLE LIMITS: LEL: NIA UEL: NIA
EXTINGUISHING MEDIA: Water, foam, dry chemical, carbon dioxide
SPECIAL FIRE FIGHTING PROCEDURES: Respiratory protection recommended in confined spaces.

Section V - Reactivity Data

STABILITY: Stable CONDITIONS TO AVOID: Excess heat, high humidity
INCOMPATIBILITY (Materials to Avoid): NIA
HAZARDOUS DECOMPOSITION OR BY PRODUCTS: NIA
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID IF POLYMERIZATION: NA

Section VI - Health Hazard Information

ROUTES OF ENTRY: Inhalation, Skin, Ingestion, Eyes
HEALTH HAZARDS (Acute and Chronic): Skin/eye irritation. Chronic exposure can cause damage to liver and kidneys.
CARCINOGENICITY: NTP: No IARC Monographs: No OSHA Regulated: No
SIGNS AND SYMPTOMS OF EXPOSURE: Ingestion or inhalation may cause numbness, nausea, vomiting and/or tremors.
EMERGENCY AND FIRST AID PROCEDURES:
INGESTION: Induce vomiting. Consult a physician immediately.
SKIN: Flush with water. Consult a physician if irritation develops or persists.
EYES: Flush with water. Consult a physician if irritation develops or persists.
INHALATION: Remove victim to fresh. Consult physician if irritation develops or persists.

Section VII - Precautions for Safe Handling/Use

STORAGE PRECAUTIONS: Store in cool, dry place inaccessible to children and pets.

CONTROL MEASURES:

RESPIRATORY PROTECTION: NIOSH approved for pesticide dust.

VENTILATION: Local Exhaust is normally adequate. Special is not normally required.

PROTECTIVE GLOVES: Rubber.

EYE PROTECTION: Not normally required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Washable work clothing.

WORK/HYGIENIC PRACTICES: Launder clothing after use. Wash hands before eating or drinking.

Section VIII - Environmental and Disposal Information

SPILL OR LEAK PROCEDURES: Pick up with minimum generation of dust.

WASTE DISPOSAL METHOD: Dispose according to local, State or Federal regulations.

OTHER PRECAUTIONS: Toxic to fish and wildlife. Do not contaminate water.

KEEP OUT OF REACH OF CHILDREN**ABBREVIATION KEY**

N/A: NOT AVAILABLE OR APPLICABLE

TLV: THRESHOLD LIMIT VALUE

STEL: SHORT TERM EXPOSURE LIMIT

NIA=NO INFORMATION AVAILABLE

N/E: NOT ESTABLISHED

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

D.O.T.: DEPARTMENT OF TRANSPORTATION

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.